

SEQUENCE LISTING

<110> Schnorr, Kirk Matthew
Landvik, Sara

<120> GH-61 Polypeptides

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<160> 12

<170> PatentIn version 3.2

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gaa tgg gtg acg atc cgt gag acg acg aac cac tac tcg cac ggg ccg	144
Glu Trp Val Thr Ile Arg Glu Thr Thr Asn His Tyr Ser His Gly Pro	
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gtc acc gac gtc acg tcg gac cag atc cgc tgc tac gag ctc aac ccg	192
Val Thr Asp Val Thr Ser Asp Gln Ile Arg Cys Tyr Glu Leu Asn Pro	
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ggc acc ccc gcg ccc cag atc gcc acg gtg cag gcc ggc ggc acc gtg	240
Gly Thr Pro Ala Pro Gln Ile Ala Thr Val Gln Ala Gly Gly Thr Val	
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acc ttc acc gtc gac cca agc atc cag cac ccg ggc ccg ctg cag ttc	288
Thr Phe Thr Val Asp Pro Ser Ile Gln His Pro Gly Pro Leu Gln Phe	
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tac atg gcc aag gcg ccg tcg ggc cag acc gcc gcc acc ttc cag ggc	336
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Gly Thr Pro Ala Pro Gln Ile Ala Thr Val Gln Ala Gly Gly Thr Val
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Thr Phe Thr Val Asp Pro Ser Ile Gln His Pro Gly Pro Leu Gln Phe
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Tyr Met Ala Lys Ala Pro Ser Gly Gln Thr Ala Ala Thr Phe Gln Gly
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Thr Gly Asn Val Trp Phe Lys Ile Tyr Glu Asp Gly Pro Ser Gly Leu
100 105 110

Gly Thr Ser Asn Ile Thr Trp Pro Ser Ser Gly Lys Thr Glu Val Ser
115 120 125

Val Lys Ile Pro Ser Cys Ile Ala Pro Gly Asp Tyr Leu Leu Arg Val
130 135 140

Glu His Ile Ala Leu His Ser Ala Ser Thr Val Gly Gly Ala Gln Phe
145 150 155

Tyr Leu Ala Cys Ala Gln Leu Thr Val Thr Gly Gly Thr Gly Thr Leu
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Asn Thr Gly Glu Leu Val Ala Phe Pro Gly Ala Tyr Ser Ala Thr Asp
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Asn Pro Gly Pro Ala Pro Val Ser Cys
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gcc atc ttc cag cgc gtg tcg gtt aac ggt gtc gac caa ggc cag ctc      96
Ala Ile Phe Gln Arg Val Ser Val Asn Gly Val Asp Gln Gly Gln Leu
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aag ggc gtg cgg gct ccc tcg agc aac tac ccc att gag aac gtc aac      144
Lys Gly Val Arg Ala Pro Ser Ser Asn Tyr Pro Ile Glu Asn Val Asn
                20                      25                      30

cac ccc gac ttt gcc tgc aac acc aac atc cgg cac cgc gac ggc acc      192
His Pro Asp Phe Ala Cys Asn Thr Asn Ile Arg His Arg Asp Gly Thr
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gtc atc aag atc ccc gcc ggc gcc acc gtc ggc gcc tgg tgg cag cac      240
Val Ile Lys Ile Pro Ala Gly Ala Thr Val Gly Ala Trp Trp Gln His
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gag atc ggc ggg ccc tcg ttc ccc ggt gat ccg gat aac ccg atc gct      288
Glu Ile Gly Gly Pro Ser Phe Pro Gly Asp Pro Asp Asn Pro Ile Ala
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gcc tcg cac aag ggc ccc atc caa gtc tat ctc gcc aag gtc gac aac      336
Ala Ser His Lys Gly Pro Ile Gln Val Tyr Leu Ala Lys Val Asp Asn
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gcc gct acc gcc tct ccc aac ggc ctg cgg tgg ttc aag att gcc gag      384
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aag ggc ctg tcg ggc ggc gtc tgg gcc gtc gac gag atg atc cgc aac      432
Lys Gly Leu Ser Gly Gly Val Trp Ala Val Asp Glu Met Ile Arg Asn
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Tyr Leu Met Arg Val Glu Leu Leu Ala Leu His Ser Ala Ser Phe Pro
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 Ser Gly Asn Phe Ser Pro Ser Glu Thr Val Ser Phe Pro Gly Ala Tyr
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 ccg gcc aac cac ccg ggt atc gtc gtc agc atc tac gac gcc cag ggt 672
 Pro Ala Asn His Pro Gly Ile Val Val Ser Ile Tyr Asp Ala Gln Gly
 195 200 205
 aac gcc aac aac ggc ggg cgc gag tac cag atc ccc ggg ccg cgg ccg 720
 Asn Ala Asn Asn Gly Gly Arg Glu Tyr Gln Ile Pro Gly Pro Arg Pro
 210 215 220 225
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 Ile Thr Cys Ser Gly Gly Gly Ser Asn Asn Gly Gly Gly Asn Asn Asn
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 245 250 255
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 260 265 270
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 Gly Gln Cys Gly Gly Asn Gly Tyr Ser Gly Pro Thr Thr Cys Ala Glu
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Lys Gly Val Arg Ala Pro Ser Ser Asn Tyr Pro Ile Glu Asn Val Asn
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His Pro Asp Phe Ala Cys Asn Thr Asn Ile Arg His Arg Asp Gly Thr

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 Thr Ser Ala Val Ile Arg Gln Pro Leu Asn Asn Ser Pro Val Glu Asp
 15 20 25
 gtc tcc tcc ccc cac atg cgc tgc aac gtc aac ccc atg ccc gcc tcg 192
 Val Ser Ser Pro His Met Arg Cys Asn Val Asn Pro Met Pro Ala Ser
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 cag acc ctc aac gtt cag gcc gcc tcc agc gtc acc ttc cgc ctc gac 240
 Gln Thr Leu Asn Val Gln Ala Gly Ser Ser Val Thr Phe Arg Leu Asp
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ttc aag atc gac gag ttc ggc gcc cag ttc aac ccc ttc cgc ttc atc	384
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ccc gac ggc cag agc cag ctc tcc acc acc atc ccc tcc aac act ccc	432
Pro Asp Gly Gln Ser Gln Leu Ser Thr Thr Ile Pro Ser Asn Thr Pro	
110 115 120 125	
agc ggc gag tac ctc ctc cgc atc gag cac atc ggt ctc cac gtc gcc	480
Ser Gly Glu Tyr Leu Leu Arg Ile Glu His Ile Gly Leu His Val Ala	
130 135 140	
ggc gct ccc caa tac tac atc tcc tgc gcc caa atc cgc gtt aat ggc	528
Gly Ala Pro Gln Tyr Tyr Ile Ser Cys Ala Gln Ile Arg Val Asn Gly	
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ggt gga ggc ggc aac cca ccc aag gtc tcc atc ccc gga tac gtc tcg	576
Gly Gly Gly Gly Asn Pro Pro Lys Val Ser Ile Pro Gly Tyr Val Ser	
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agg aac gac ccc ggt ctc acc gtc aac atc cac tgg ccc atc ccc acc	624
Arg Asn Asp Pro Gly Leu Thr Val Asn Ile His Trp Pro Ile Pro Thr	
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Asn Thr Leu Tyr His Pro Gly Pro Ala Ala Ile Tyr Leu Gly Gln Val

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Pro Asp Gly Gln Ser Gln Leu Ser Thr Thr Ile Pro Ser Asn Thr Pro		
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Ser Gly Glu Tyr Leu Leu Arg Ile Glu His Ile Gly Leu His Val Ala		
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